

# Committee Introductory Web Meeting Series:

Cities Committee  
25 March 2021



**The meeting will start soon.**

Secretariat : [ipam@aaainitiative.org](mailto:ipam@aaainitiative.org) || <http://www.adaptationmetrics.org/>





## Cities Committee Introductory Meeting

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# Objectives of this meeting

1. Present IPAM vision and structure
2. Present objectives AMME work program
3. Discuss state of the art on urban adaptation indicators and metrics
4. Brainstorm about purpose and goals of the Cities Committee

# Agenda

1. Introduction to IPAM
2. Adaptation Metrics Mapping and Evaluation (AMME)
  - Work Program

## *Q&As (chat box)*

1. Metrics for urban adaptation: state of the art
2. IPAM Cities Committee
  - Plans and why to join
3. Next Steps
  - Ongoing activities and meetings

## *Q&As (live discussion)*

# 1. IPAM

# The origins of IPAM

- **Origins:**
  - 3 conferences on adaptation metrics (2016-2018):
    - ✓ The first one organised by the Moroccan COP22 Presidency: resilience, SDGs and sectoral
    - ✓ 2017 and 2018 discussed Agriculture, Water and Cities sectors
  - 2019 Workshop to create an International Platform on Adaptation Metrics
    - ✓ Mandate: dedicated space to convene and focus expertise on the challenges of adaptation metrics
    - ✓ The **challenge** is to find appropriate measurement units that are sufficiently simple, practical, usable and effective and that reflect specifically the progress in adapting to climate change as well as facilitate learning in the context of actionable monitoring and evaluation systems.
- **Memorandum of understanding** to institutionalize IPAM was signed on **May 22, 2020**



African Scientific  
Research and  
Innovation Council



- Document: “IPAM in a nutshell” [link](#)

**IPAM** International Platform  
on Adaptation Metrics

# IPAM Today

## Period of recruitment, program development and fund-raising:

- Governed by Steering Committee of founding institutions
- Secretariat is AAA Foundation
- Seeking members and sponsorship
- Organizing sectoral/function committees
- Participating in variety of adaptation and resilience initiatives/collaborations
- Developing Work Program

*After this interim period, IPAM will reconstitute with refined legal and governance framework*

### MEMBERSHIP OPENING

#### International Platform on Adaptation Metrics

November 5, 2020 9:00-10:30 UTC and 4:00-5:30 UTC

The Steering Committee of the International Platform on Adaptation Metrics (IPAM) cordially invites you to join us for our membership and activities launch.

Adaptation metrics are essential in order to assess vulnerability, risk, resilience and climate impacts, to track implementation of adaptive responses and to monitor and measure adaptation results. The formulation of standardized adaptation metrics is one of the great trans-disciplinary challenges of our time. Building knowledge and consensus on adaptation metrics is critical for climate adaptation policy and business imperatives at all scales, functions, and sectors, to articulate and meet the goals of the Paris Agreement on climate change and for investment decision-making at scale.

Following a planning workshop of November 2019, formation of a Steering Committee, and consultations throughout this year, we are launching IPAM so as to find common purpose to address these concerns, and invite you to the platform launch so you can learn about our plans and membership options, to seek your feedback on our plans, and to encourage your active participation.

#### Launch Agenda:

- Welcome and Introducing IPAM: IPAM chair
- Keynote Address: Secretary General, Intergovernmental Panel on Climate Change (IPCC)
- Opening word: Director General of the AAA Initiative Foundation, IPAM's secretariat
- Introduction to Subcommittees: Water/ Tools & techniques/ Agriculture/ Cities
- Membership Charter, Options and Benefits
- Proposed Adaptation Metrics Mapping and Ev
- Discussion and Wrap-up

# IPAM's Current Committees

## Agriculture



Riad Balaghi

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## Cities



Marta Olazabal

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## Water



Driss Ouazar

[ipamwater@aaainitiative.org](mailto:ipamwater@aaainitiative.org)



## Techniques and Tools



Karl Schultz

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## 2. Adaptation Metrics Mapping and Evaluation (AMME) work program

# AMME Work Program

## AMME Objectives:

To generate and share knowledge that

- Supports practitioners, funders, policymakers and research community
- Builds on existing and emerging adaptation metrics.

## Program Approach:

- Strong “user-need” approach: informs evaluation framework
- *Projects/initiatives* defined/led (mainly) by committees
- Modular framework: *Projects/initiatives* may be broken down to meet specific purposes (e.g. funder/user priorities) within a coherent, harmonized approach

# Proposed AMME phases

*Short-medium term*

...

*Long term*

## Phase 1: Mapping/Evaluating

- Definitions and frameworks
- User purposes/standards
- Survey and evaluate metrics
- Define tools and techniques required for metrics creation and use



Know the user and the needs landscape

## Phase 2 - Creation of an open source platform:

- Geographic database for data collection from ongoing initiatives / projects
- Metrics generation and use from data to modelling
- Capacity building and metrics sharing



Strong interactive, sharing approach

# AMME: Next Steps

Ongoing

Planned

- Further develop the work program concept (*March-May 2021*)  
*with inputs from IPAM members*
- Identify organizations interested in supporting initiative:  
*seeking multi-stakeholder support to strengthen buy-in and expert/financial resource-base*
- Share work program concept with interested supporters  
*to refine concept and secure resources/funding*
- Generate a trans-committee driven initiative  
*To harmonize understandings of metrics and governance frameworks*  
*To strengthen connection with sectoral experts and users + tool builders*
- Regular updates on AMME's progress  
*to broader IPAM/stakeholder community*



# 3. Adaptation metrics for **urban** matters

# Urban adaptation progress: the need for metrics

**Evidence** of global adaptation progress assessments points out that:

- **Progress is concentrated** in larger and richer urban areas,
- There is a general **lack of implementation**,
- There is no effective integration of adaptation Monitoring and Evaluation (M&E) in **decision-making processes in practice**.
- **Lack of attention** to adaptation metrics.



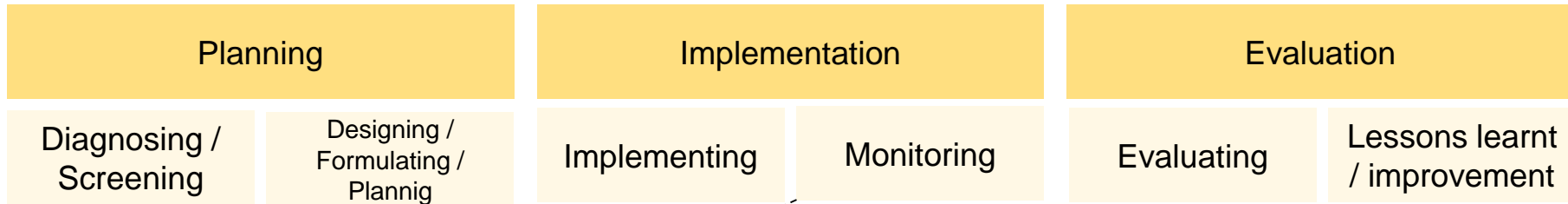
# Different urban matters

- Urban Planning and Policy
- Urban infrastructures
- Locally-led and community-based adaptation
- Finance and governance
- ....

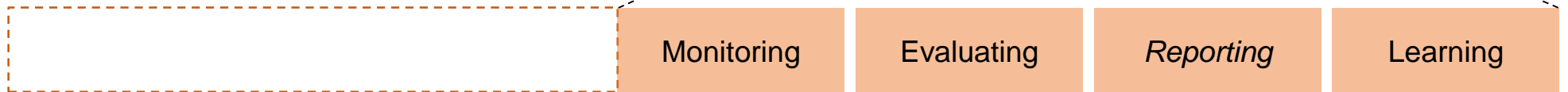


# Different lenses for the same mission

1 **Project cycle management approach**



2 **MER(L) approach**



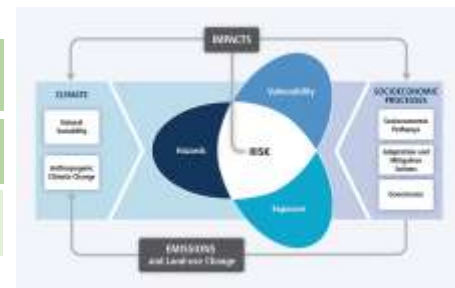
*Klosterman et al 2018*

3 **Process Effectiveness approach**



*Hale et al 2020*

4 **Impact approach**



*IPCC 2014*

**IPAM** International Platform on Adaptation Metrics

[www.adaptationmetrics.org](http://www.adaptationmetrics.org)

# Measuring: A competing arena

## Sustainability



Local 2030 **LOCAL 2030**  
LOCALIZING THE SDGS

## Resilience

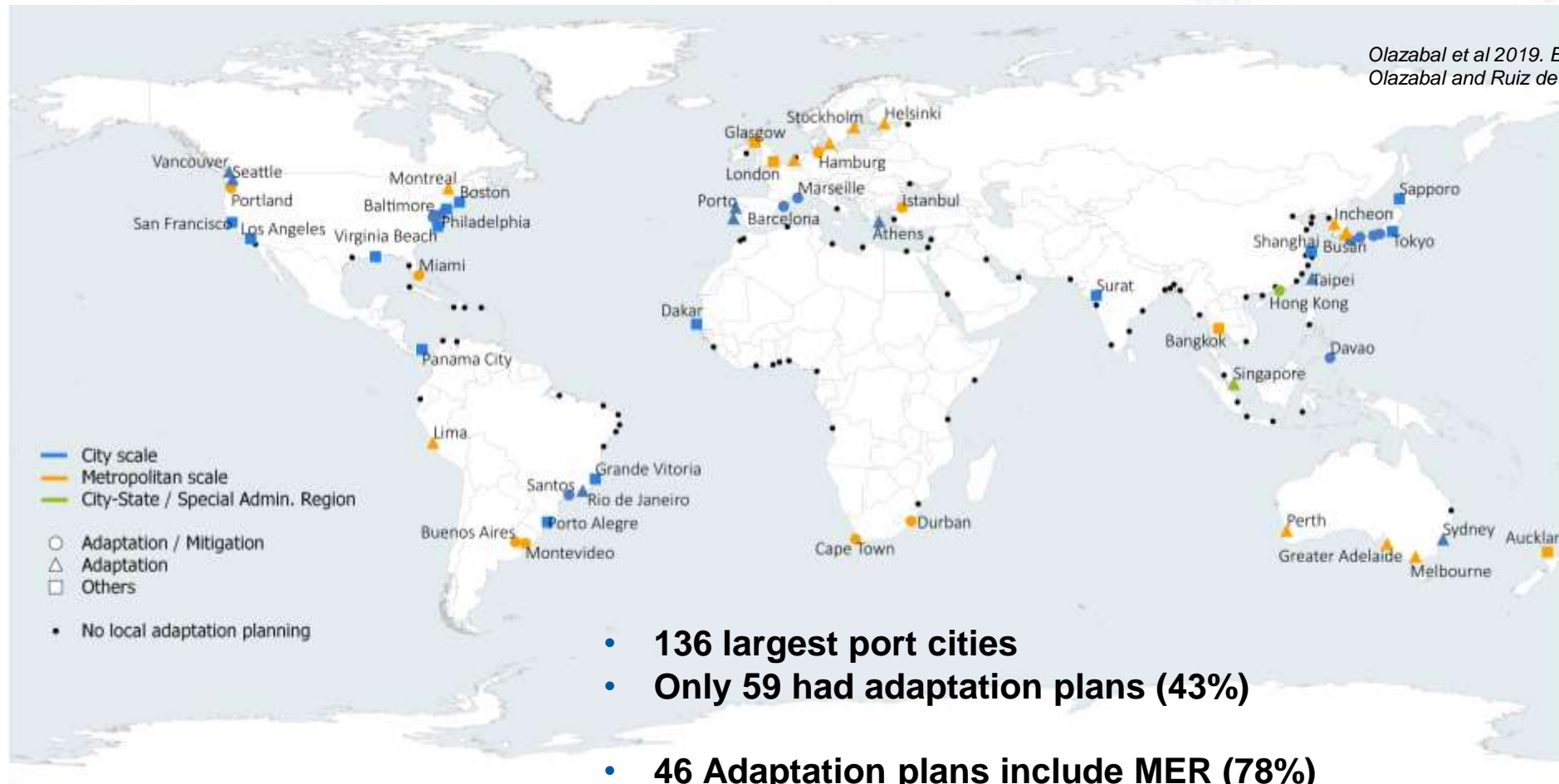


City resilience index. Rockefeller Foundation

- **Transformation / local transitions** (Hölscher, K., & Frantzeskaki, N. 2021)
- **Maladaptation** (Eriksen et al. 2021, Schipper 2020)
- **Equity and justice** (Fünfgeld, H., & Schmid, B. 2020, Bulkeley 2021)

# Example: state of practice in urban planning and policy

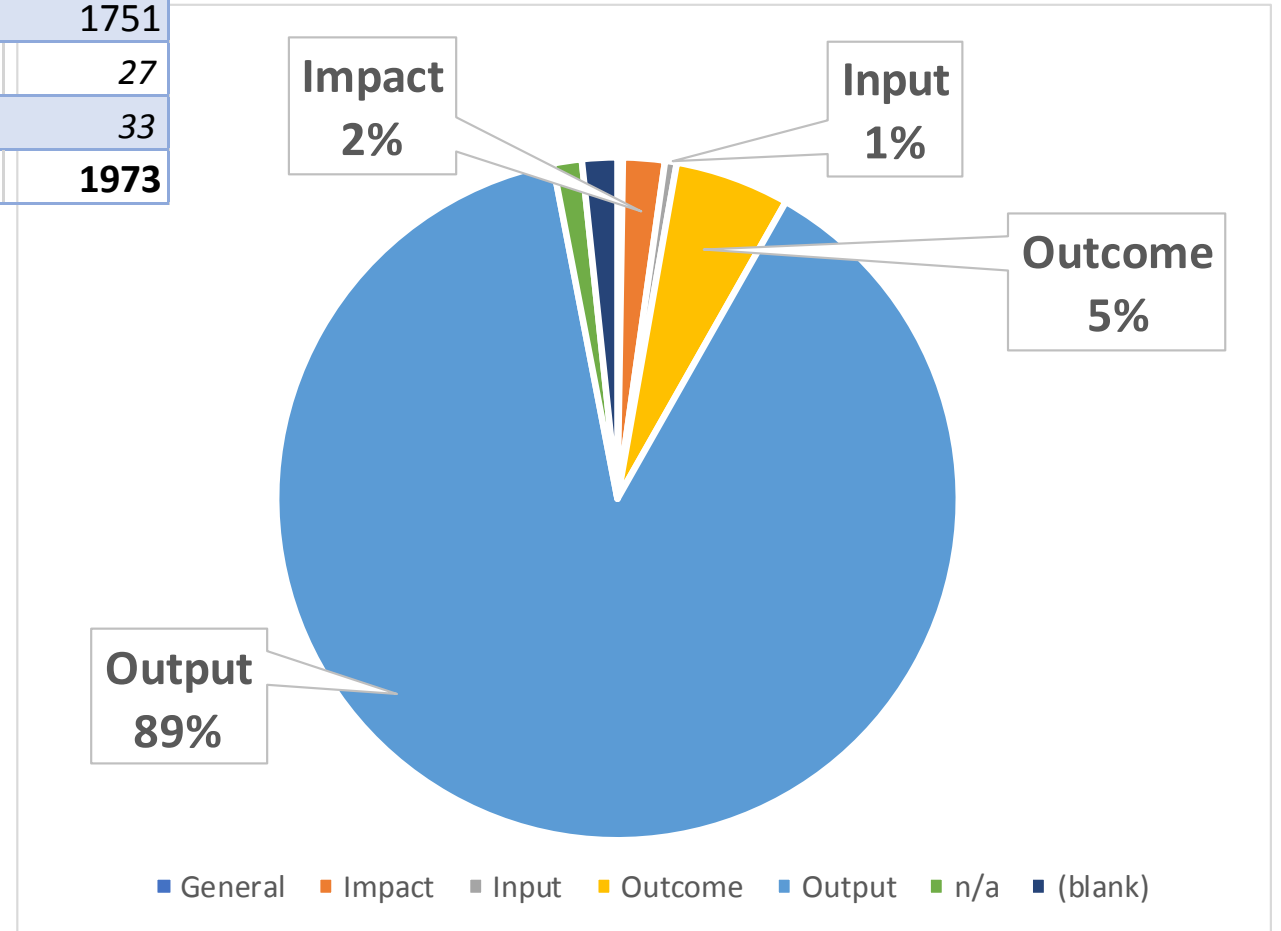
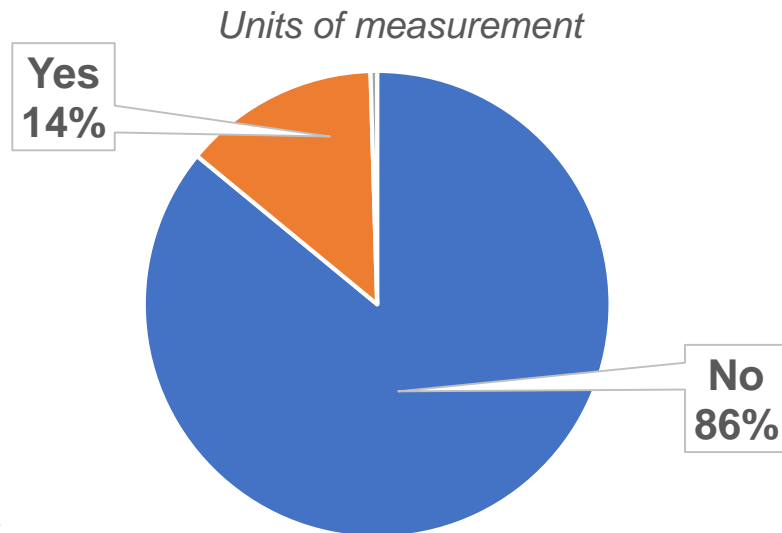
Olazabal et al 2019. *Env. Res. Let.*  
Olazabal and Ruiz de Gopegui 2021 *Lands. Urb. Plan.*



City	Number of metrics
Athens	81
Auckland	38
Barcelona	76
Glasgow	6
Lima	12
Montreal	1602
Nagoya	8
New York City	69
Portland	33
Tokyo	20
Vancouver	28
<b>Grand Total</b>	<b>1973</b>

Type of indicator	Count
General	5
Impact	39
Input	11
Outcome	107
Output	1751
n/a	27
(blank)	33
<b>Grand Total</b>	<b>1973</b>

- Ongoing work being developed at BC3, using plans database of *Olazabal and Ruiz de Gopegui 2021*
- We have collected indicators of 11 adaptation plans.



# 4. IPAM Cities Committee



Seville, Photo credit: Marta Olazabal

# IPAM Cities

- Currently, BC3 is the IPAM institutional member responsible for IPAM Cities
- **Goal:** to create an **interdisciplinary group of experts** (researchers, practitioners, stakeholders) interested in **supporting and collaborating on:**
  - ✓ **Mapping** existing practices / users / needs for measuring adaptation at city scale
  - ✓ **Evaluating** the usability of metrics and frameworks for adaptation measurement
  - ✓ **Co-creating** / conceiving / thinking
    - Mapping and evaluation frameworks
    - Adaptation metrics
  - ✓ **Piloting** ideas and concepts inc. urban adaptation metrics
  - ✓ **Sharing** experiences of research and practice

# IPAM Cities

## ■ Modes of collaboration

1. Advising on IPAM Cities work and plans.
2. Supporting the coordination of the Committee.
3. Collaborating and producing work and conceiving ideas.
4. Participating in outreach activities and engaging with stakeholders.
5. Sharing information and networking internally.
6. Others?

## ■ Activities:

- ✓ Committee meetings and topic-specific seminars
- ✓ Projects/initiatives: design, resource, work together on
- ✓ Outwards facing engagements
  - To help others know IPAM or to disseminate IPAM's work
  - To raise awareness on the challenges of building and using metrics for urban adaptation
  - Training/meeting user communities, etc.
- ✓ Interacting through information sharing platforms

# 5. Next Steps

# Ongoing activities within IPAM Steering Committee

- Recruitment of members and supporters
- Development of the AMME work program
- Participation in diverse initiatives (R2R, ARA, ..)
- Organisation/contribution to events related to adaptation metrics (Adaptation Futures, COP26, WASP...)

# Next meetings for IPAM members

1. **AMME** work program feedback *(mid-late April)*
2. **IPAM Cities** committee first **work meeting** *(mid-late April)*



# Cities committee first work meeting

- Mid-End April
- Collect feedback/ideas on:
  - ✓ Cities Committee purpose and plans
  - ✓ Governance and working groups
    - Meeting frequency/themes
      - *Committee “meeting” versus Showcasing/Work Collaboration*
    - Composition and specific sub-group activities
    - Platform for communications and networking
- Start working on a collective positioning paper
  - ✓ Identify needs in research and practice

# Series of open webinars

A series of **committee-specific webinars** will be organised in **late spring**:

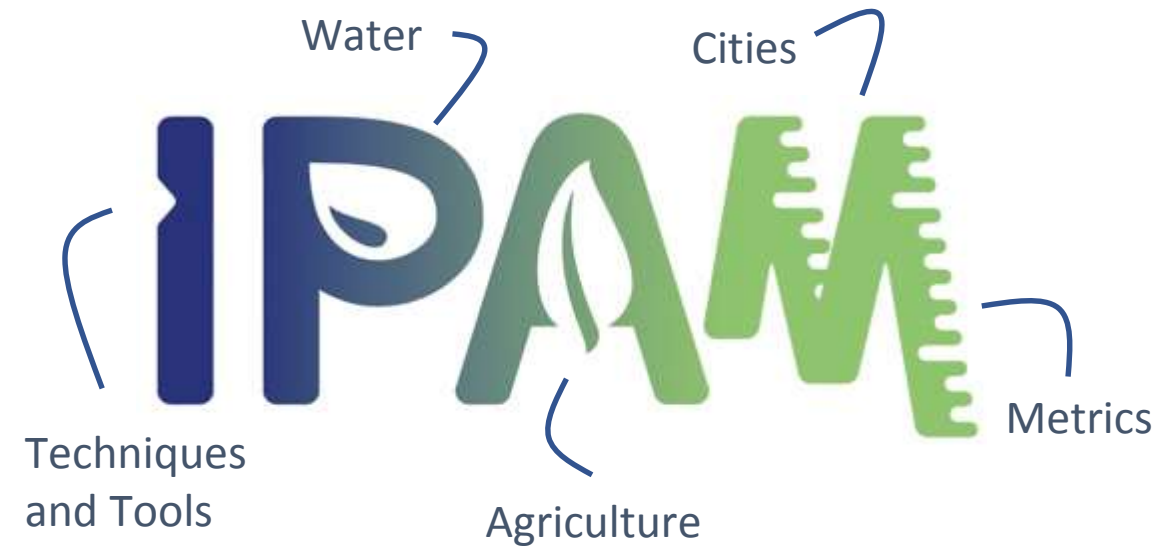
- **Open to all** (*informative*)
- Agenda:
  - Discuss committee governance
  - Discuss committee activities
  - AMME work program presentation
  - Others



# Join IPAM and its committees to participate

## Membership is required to participate in committees and access information platform

- **Institutional Members** (voting members in Steering Committee, [contact us](#)).
- **Associate Members** (to be associated as an individual, and involved in topic-oriented committees, [sign a charter](#)).
- **Sponsors** (don't need but can be involved in committees or events, [contact us](#)).
- Anyone interested can sign up to the **mailing list**



CONTACT: [ipam@aaainitiative.org](mailto:ipam@aaainitiative.org)

3/25/2021

**MORE INFO:** <http://www.adaptationmetrics.org/join-ipam>

# **IPAM** International Platform on Adaptation Metrics

**Secretariat :** [ipam@aaainitiative.org](mailto:ipam@aaainitiative.org)  
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**Cities :** [ipamcities@aaainitiative.org](mailto:ipamcities@aaainitiative.org)

**Thank you very much for your participation.**